

CLAIMS

1. A method in reception of a multiplex signal, comprising
one or more data units, including a video data unit, and
5 at least one framing data block in each multiplex signal, the framing data
block carrying information on the configuration of the data units in said
multiplex signal; the method comprising:
searching for said framing data block from a received multiplex signal;
demultiplexing said one or more data units according to the information in
10 said framing data block;
generating one or more demultiplexed signals, including a video data
signal, from said demultiplexed data units,
forwarding said demultiplexed signals for decoding;
wherein:
15 detecting at demultiplexing a possible invalidity of a demultiplexed video
data unit; and
adding, as a response to a detected invalidity in a demultiplexed video data
unit, an error indication to the demultiplexed video data signal.
- 20 2. A method according to claim 1, wherein further adding an estimation of the
location of erroneous bytes to said error indication.
3. A method according to claim 1, wherein said framing data blocks comprise an
HDLC flag.
- 25 4. A method according to claim 1, wherein said framing data blocks comprise a
PN flag.
5. A method according to claim 1, wherein by said detection comprising checking
30 the validity of the sequence number of the AL-PDU.

6. A method according to claim 1, wherein said detection comprising checking for illegal bit combinations in the video data units.
7. A method according to claim 1, wherein said detection comprising checking the length of a demultiplexed signal; and as a response to an invalid length, indicating the segmentation points of the concatenated packets.
8. A method according to claim 1, wherein said detection comprising detecting errors in the length of a demultiplexed video signal.
9. A method according to claim 1, wherein said detection comprising detecting missing segments.
10. A method according to claim 1, wherein said detection comprising search for a shifted location of the starting point of a demultiplexed video signal.
11. A method according to claim 1, wherein said detection comprising checking for corrupted segments.
12. A device for demultiplexing a multiplex signal, comprising one or more data units, including a video data unit, and at least one framing data block in each multiplex signal, the framing data block carrying information on the configuration of the data units in said multiplex signal, said device comprising
 - means for searching for said framing data block in a received multiplex signal;
 - means for demultiplexing said one or more data units according to the information in said framing data block;
 - means for generating demultiplexed signals from said demultiplexed data units,
 - means for forwarding said demultiplexed signals for decoding;
 wherein said device further comprises:

means for detecting at demultiplexing a possible invalidity of a demultiplexed video data units; and

means for adding, as a response to a detected invalidity in a demultiplexed video data unit, an error indication to the demultiplexed video data signal.

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13. A multimedia terminal comprising a demultiplexer for demultiplexing a multiplex signal, comprising one or more data units, including a video data unit, and at least one framing data block in each multiplex signal, the framing data block carrying information on the configuration of the data units in said multiplex signal, said device comprising:

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means for searching for said framing data block in a received multiplex signal;

means for demultiplexing said one or more data units according to the information in said framing data block;

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means for generating demultiplexed signals from said demultiplexed data units, and

means for forwarding said demultiplexed signals for decoding;

wherein the demultiplexer of said multimedia terminal further comprises:

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means for detecting at demultiplexing a possible invalidity of a demultiplexed video data unit; and

means for adding, as a response to a detected invalidity in a demultiplexed video data unit, an error indication to the demultiplexed video data signal.

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